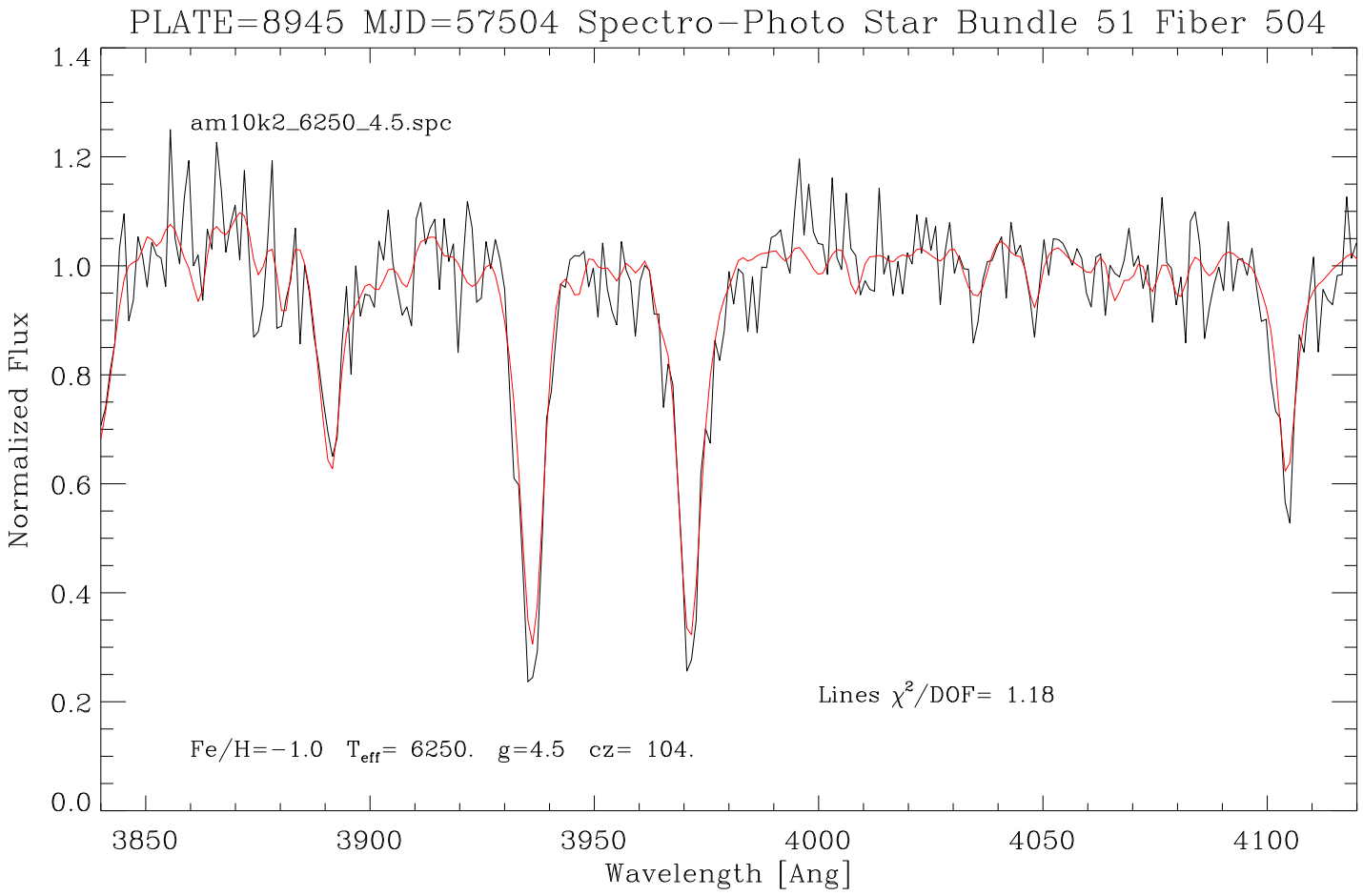
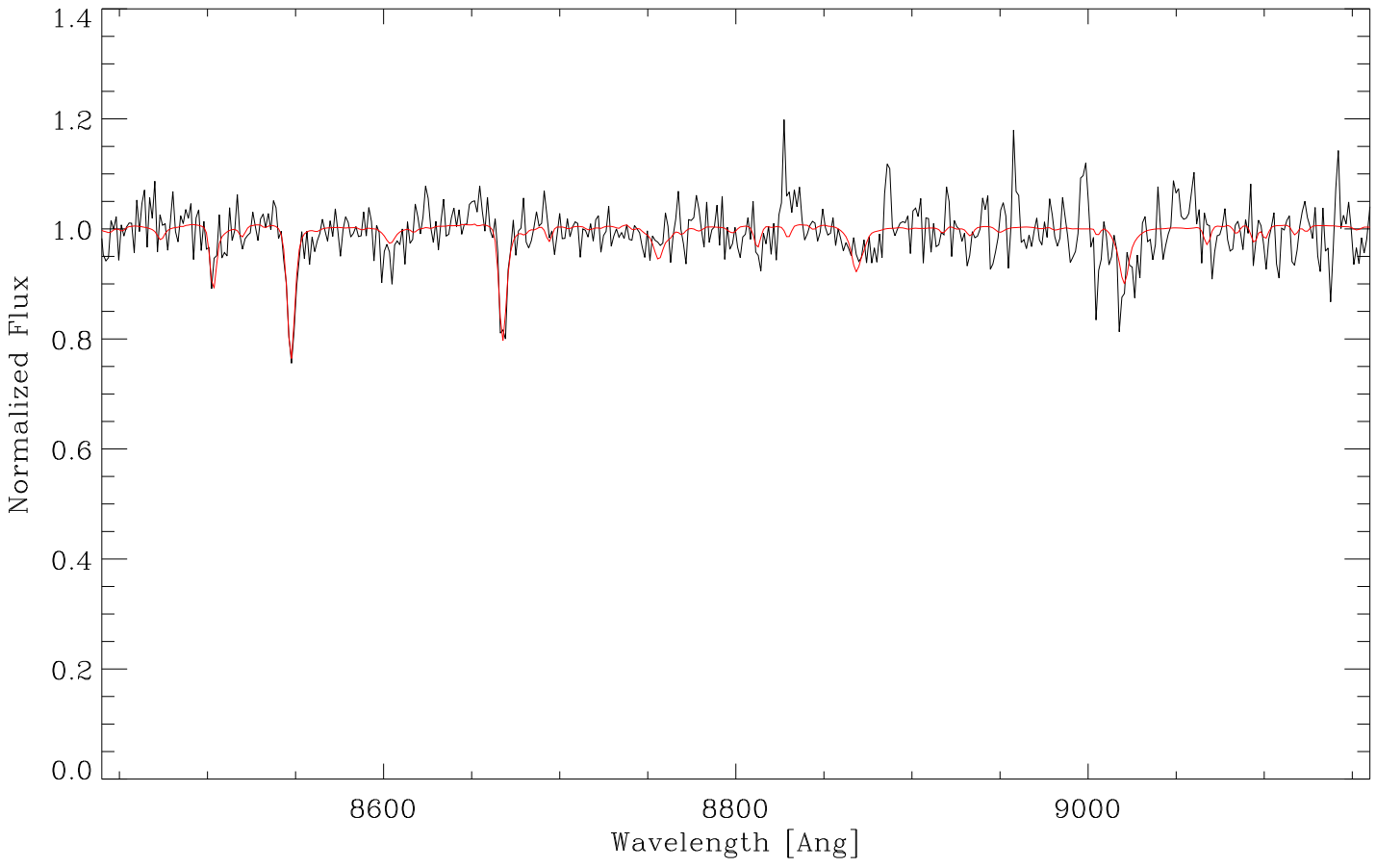
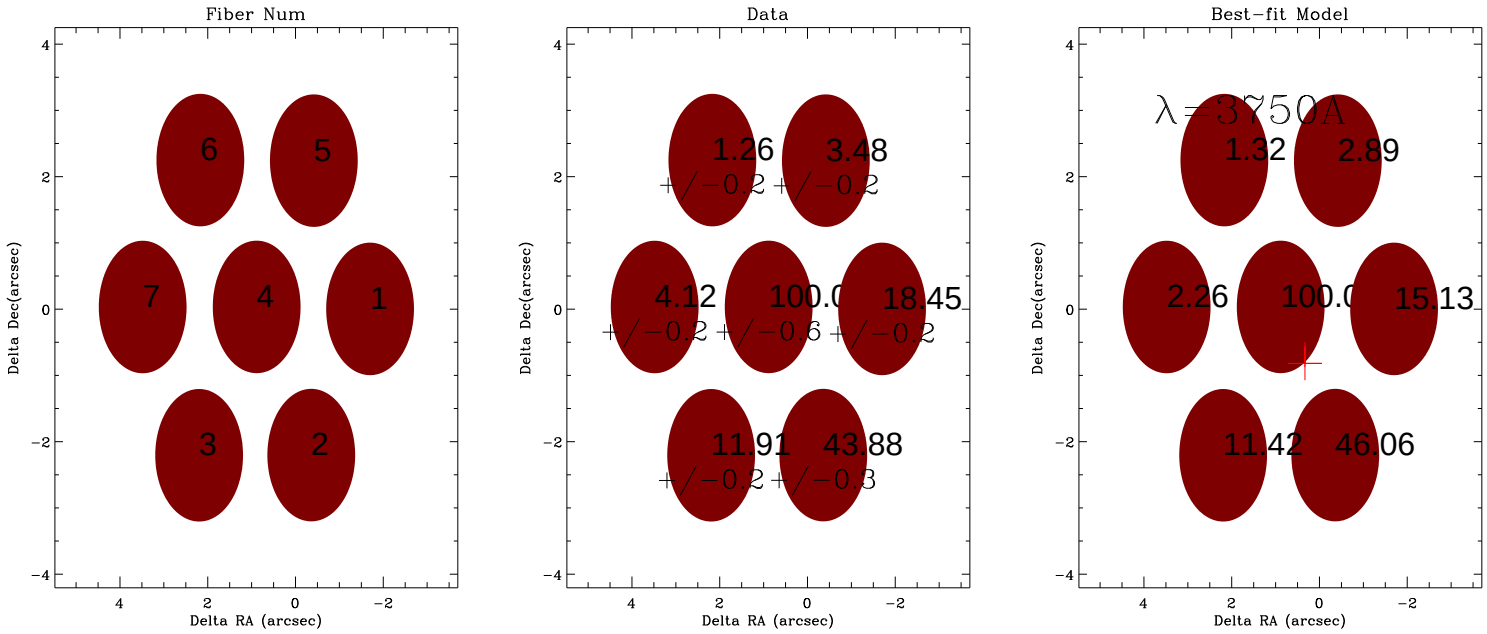
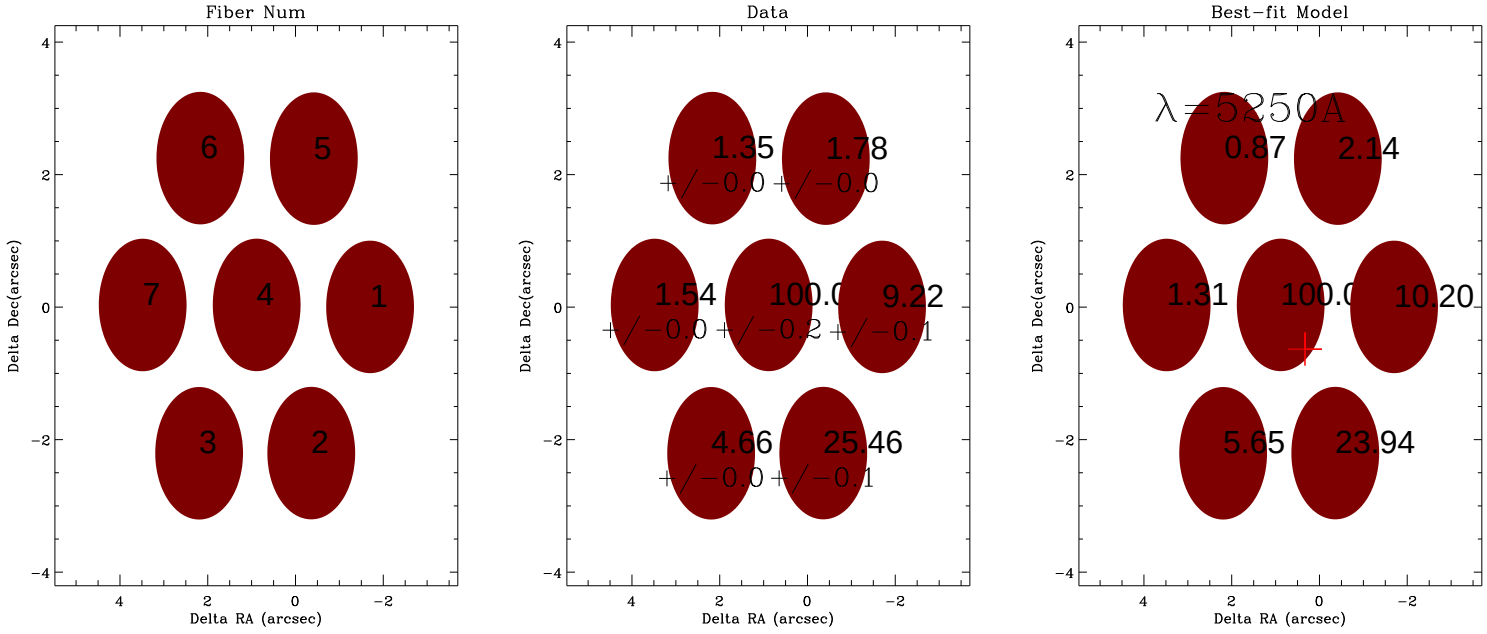
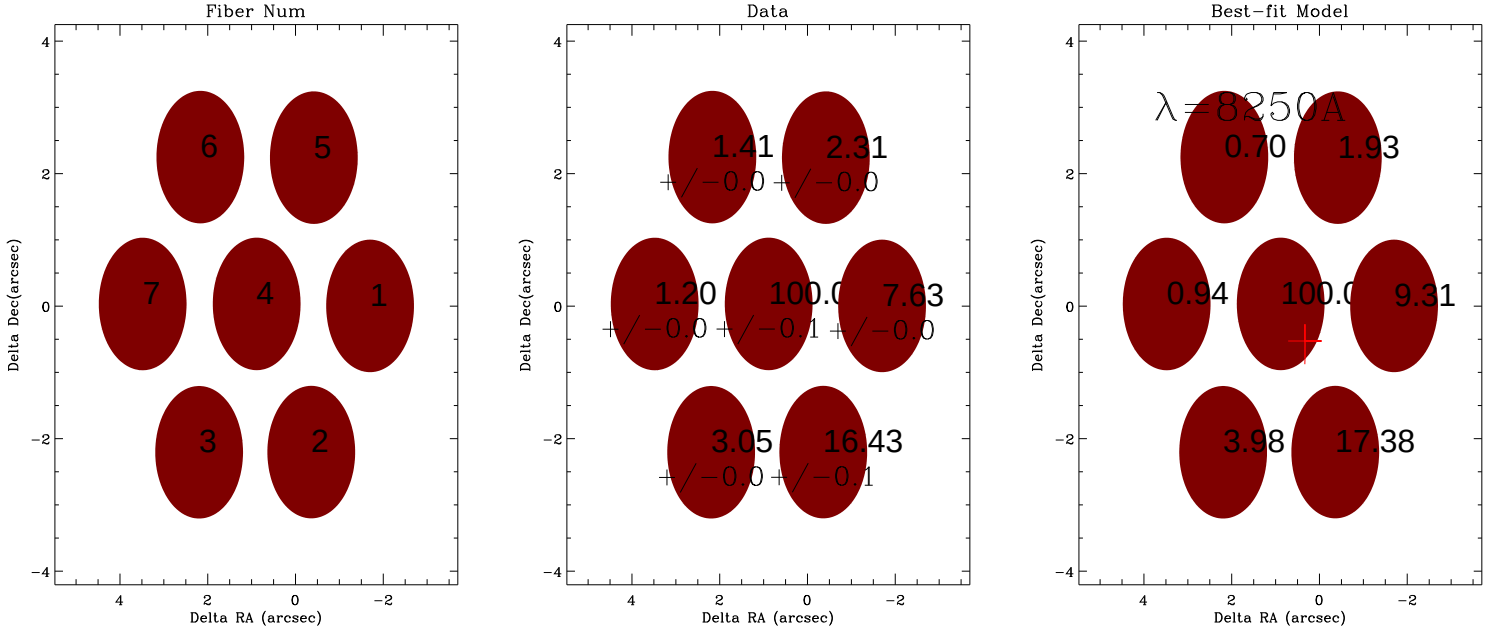
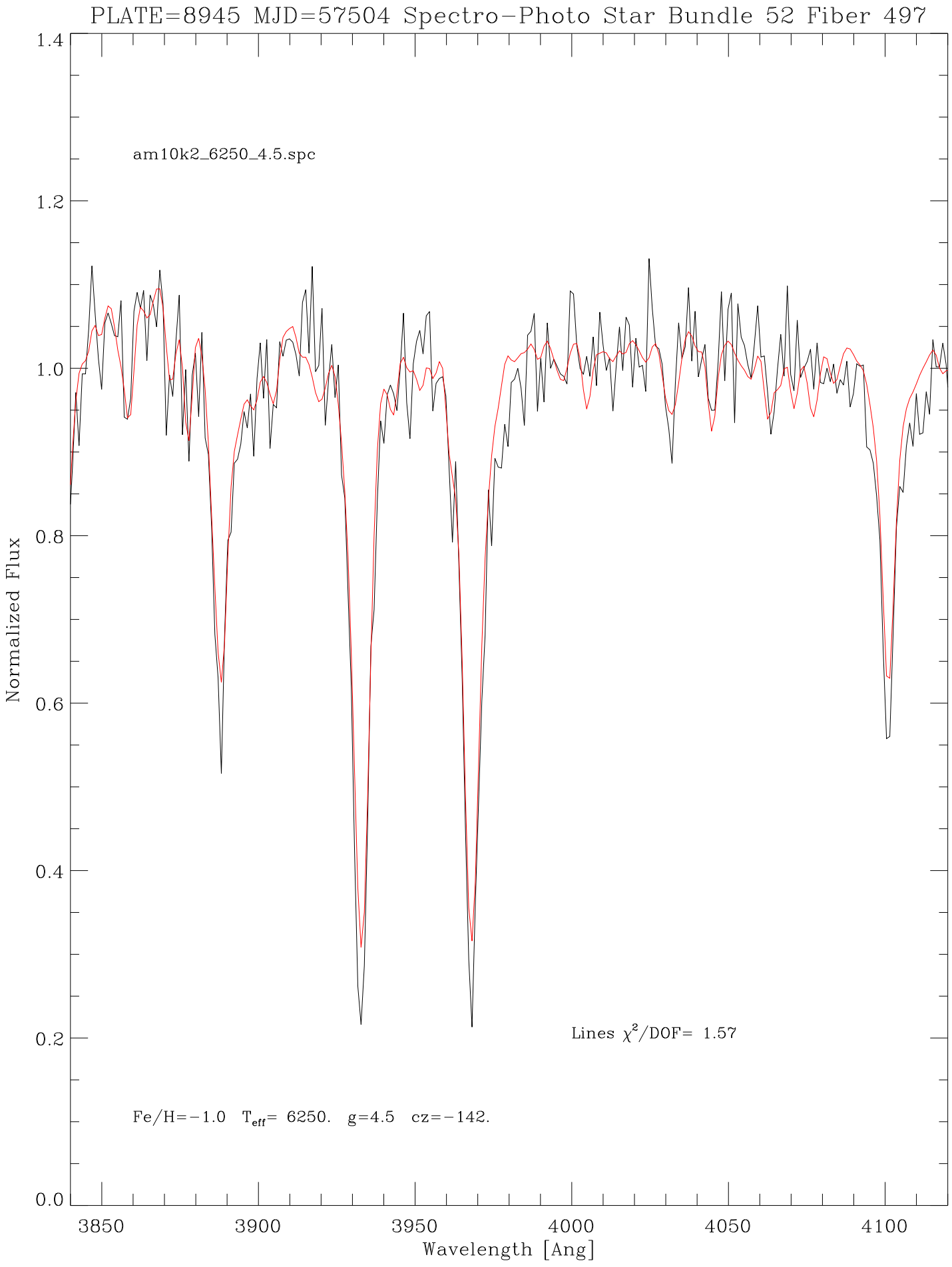

PLATE=8945 MJD=57504 Spectro−Photo Star Bundle 51 Fiber 504
am10k2_6250_4.5.spc
Lines χ²/DOF= 1.18
Fe/H=−1.0 T_eff= 6250. g=4.5 cz= 104.
Normalized Flux
Wavelength [Ang]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3850
3900
3950
4000
4050
4100

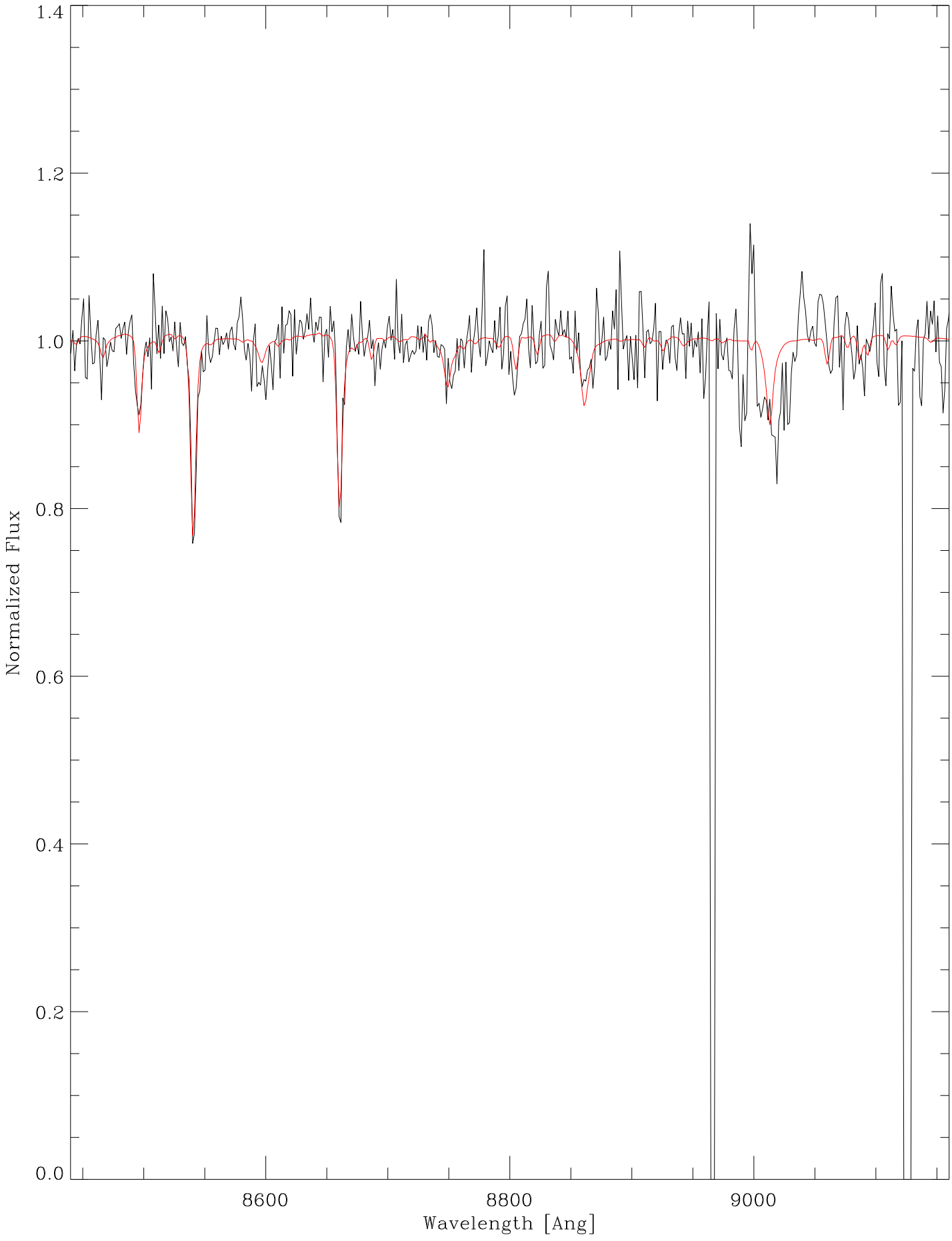

Normalized Flux
Wavelength [Ang]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
8600
8800
9000

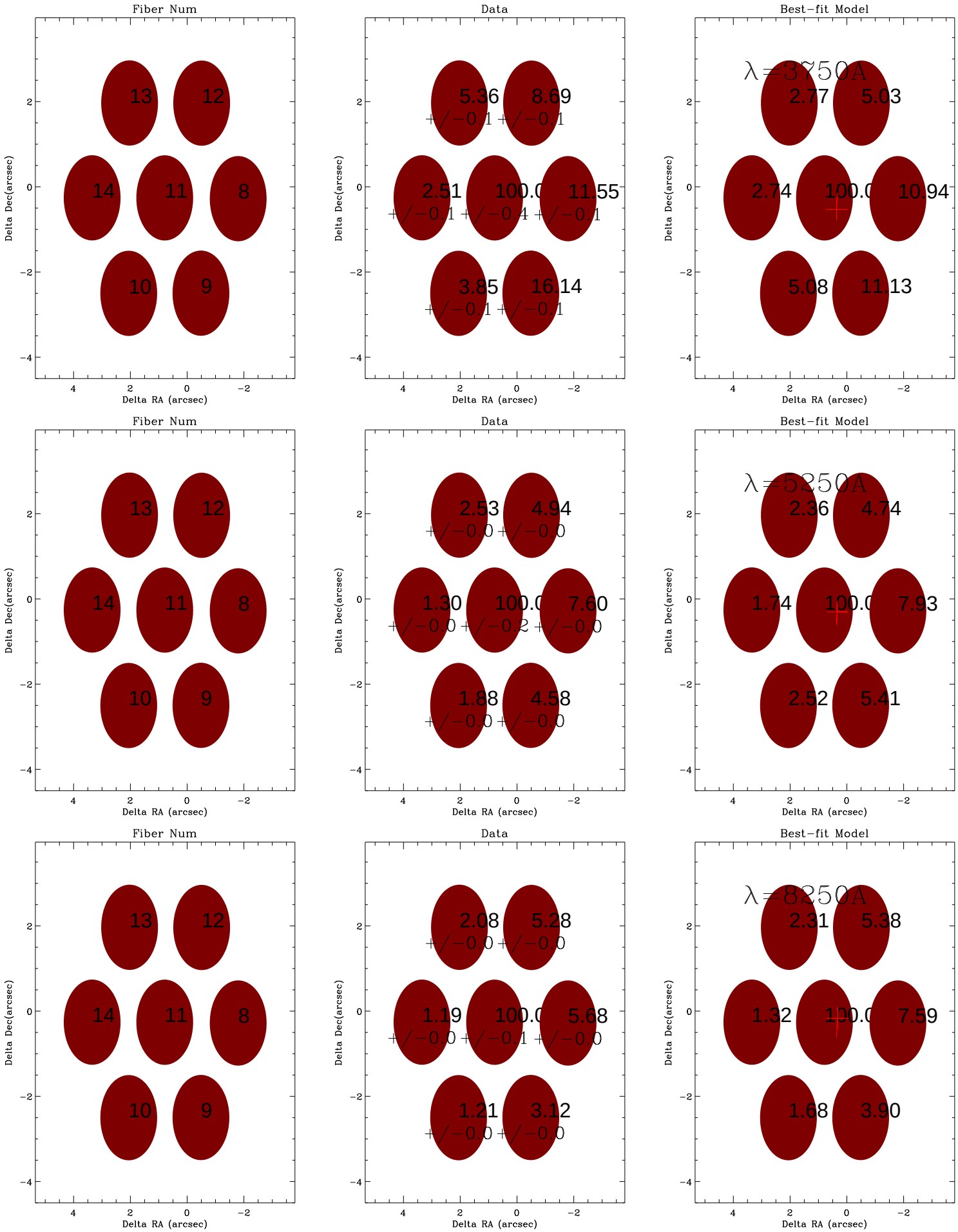

Fiber Num
Data
Best-fit Model
λ=3750A
1.26 3.48
+/-0.2 +/-0.2
4.12 100.0 18.45
+/-0.2 +/-0.6 +/-0.2
11.91 43.88
+/-0.2 +/-0.3
1.32 2.89
2.26 100.0 15.13
11.42 46.06
6 5
7 4 1
3 2
Delta Dec(arcsec)
Delta RA (arcsec)

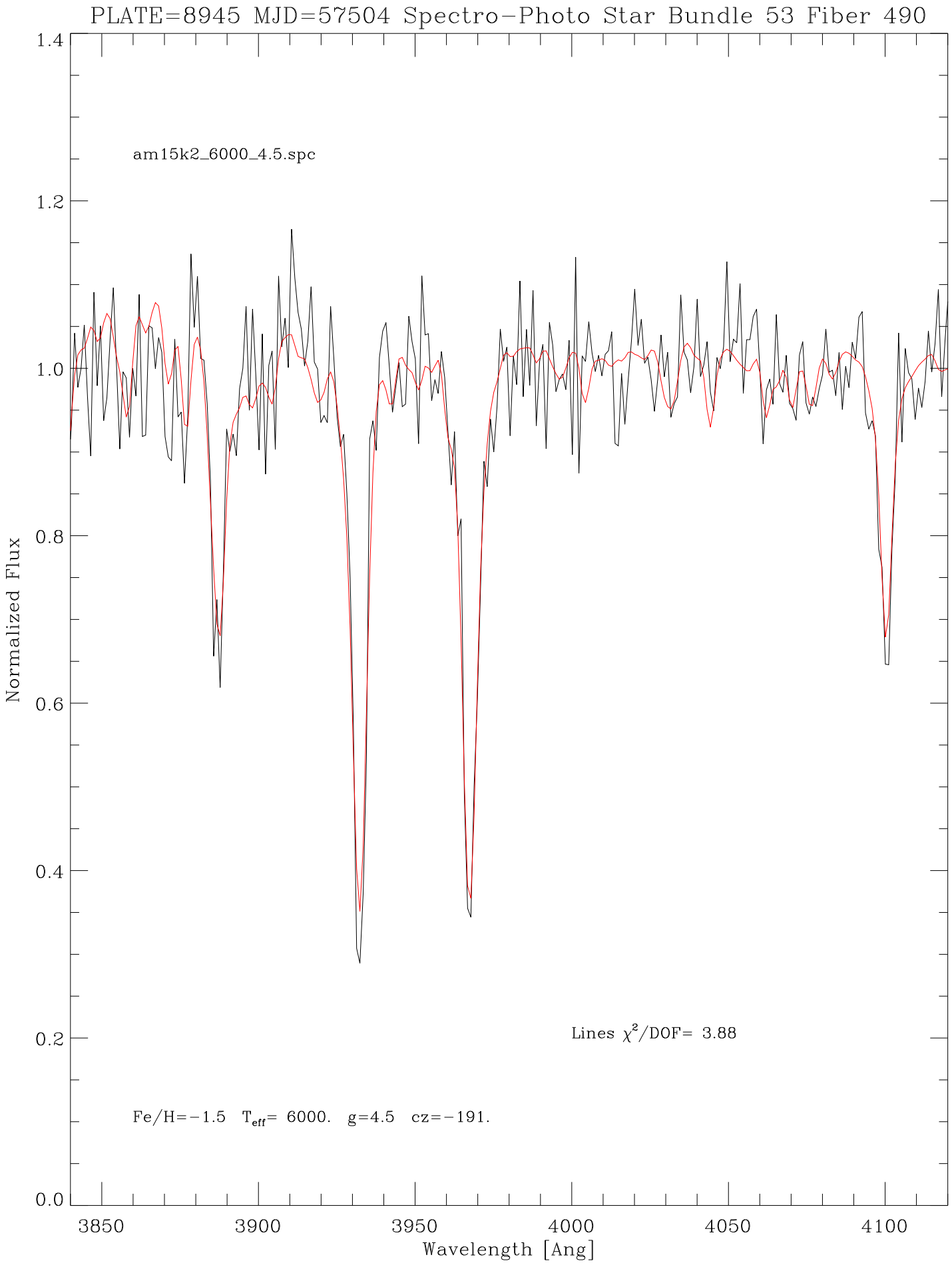

Fiber Num
Data
Best-fit Model
λ=5250A
1.35 1.78
+/-0.0 +/-0.0
1.54 100.0 9.22
+/-0.0 +/-0.2 +/-0.1
4.66 25.46
+/-0.0 +/-0.1
0.87 2.14
1.31 100.0 10.20
5.65 23.94
6 5
7 4 1
3 2
Delta Dec(arcsec)
Delta RA (arcsec)

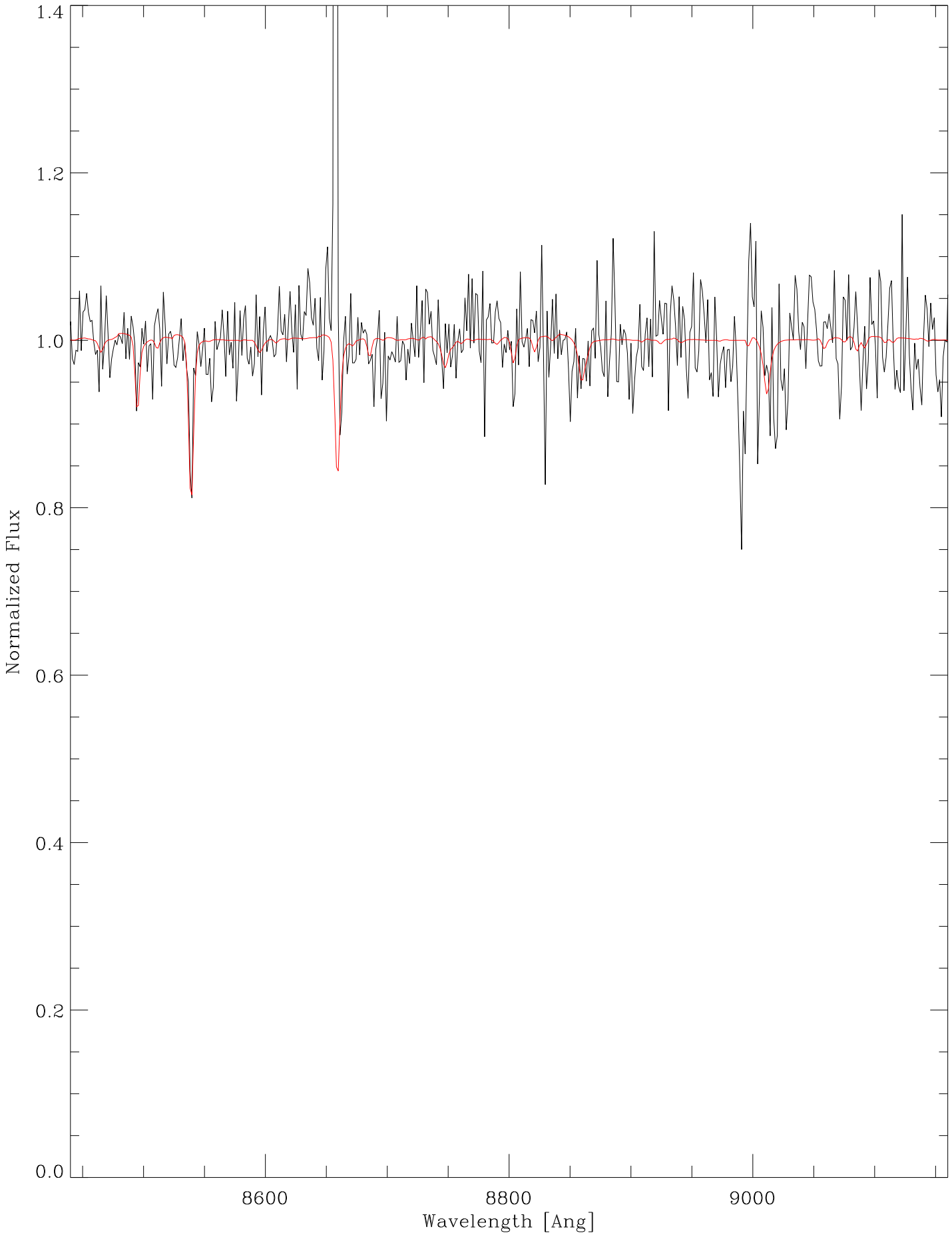

Fiber Num
Data
Best-fit Model
λ=8250A
1.41 2.31
+/-0.0 +/-0.0
1.20 100.0 7.63
+/-0.0 +/-0.1 +/-0.0
3.05 16.43
+/-0.0 +/-0.1
0.70 1.93
0.94 100.0 9.31
3.98 17.38
6 5
7 4 1
3 2
Delta Dec(arcsec)
Delta RA (arcsec)

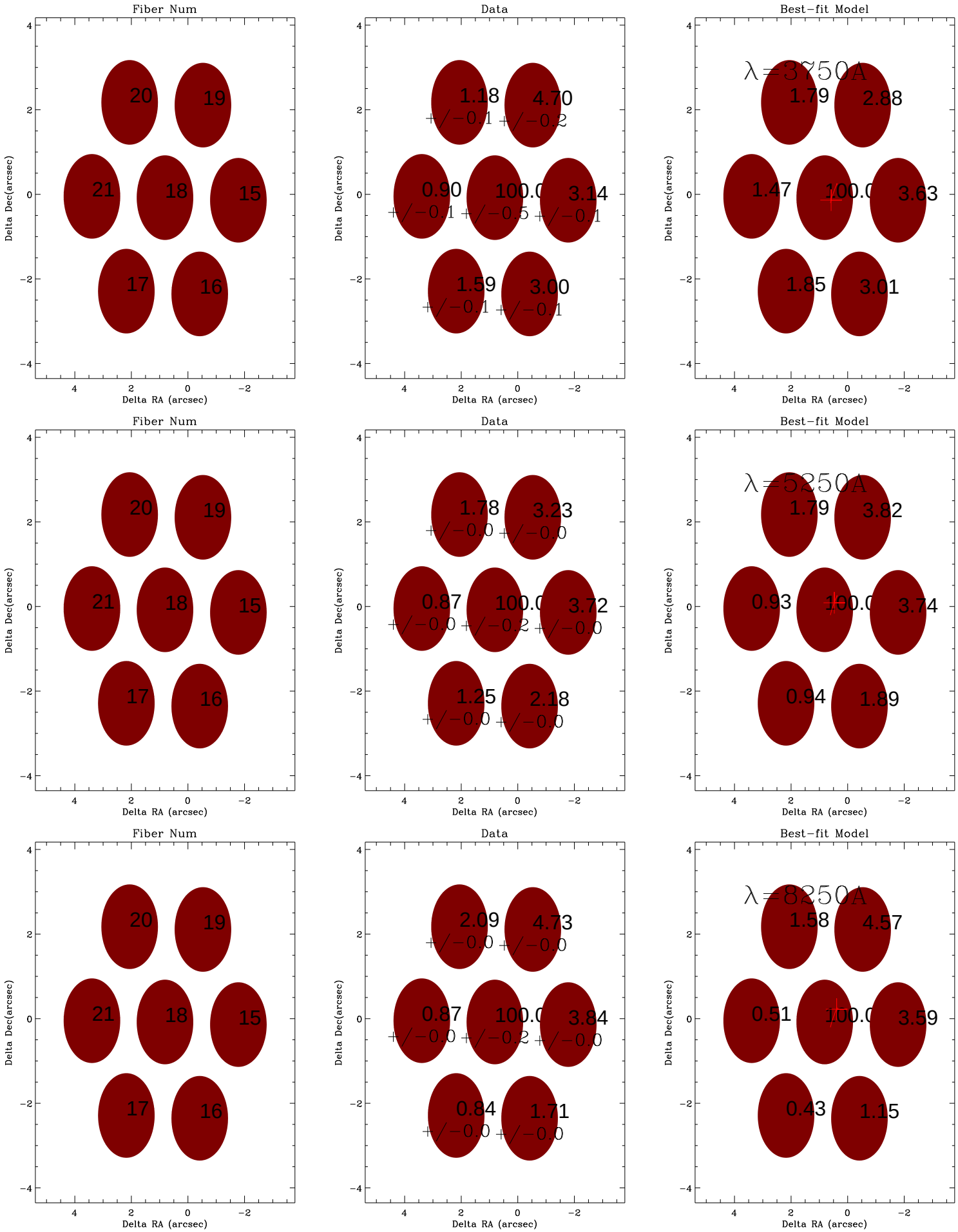

PLATE=8945 MJD=57504 Spectro-Photo Star Bundle 52 Fiber 497
am10k2_6250_4.5.spc
Normalized Flux
Wavelength [Ang]
Lines χ^2/DOF= 1.57
Fe/H=−1.0 T_{eff}= 6250. g=4.5 cz=−142.
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3850
3900
3950
4000
4050
4100

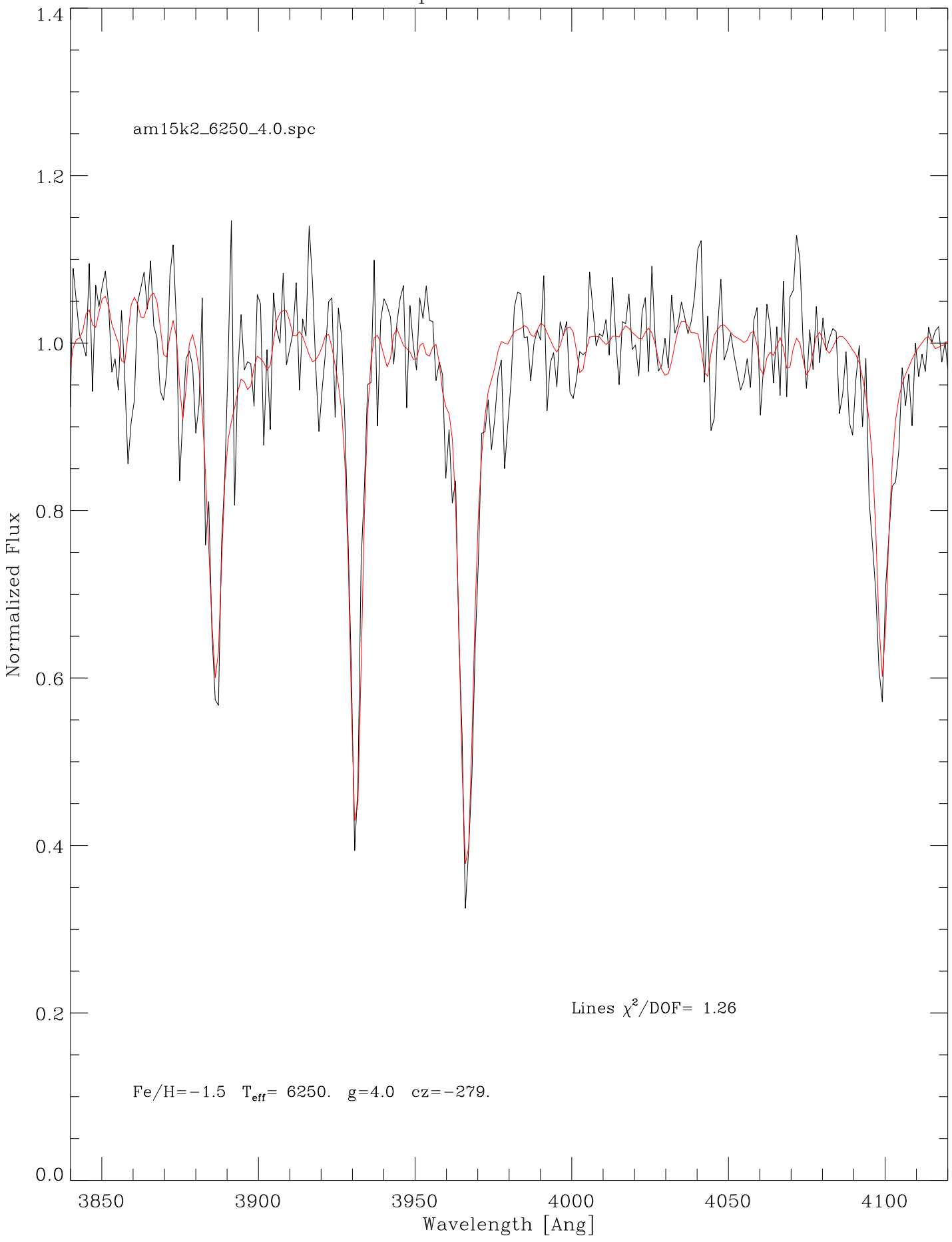

1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Normalized Flux
8600
8800
9000
Wavelength [Ang]

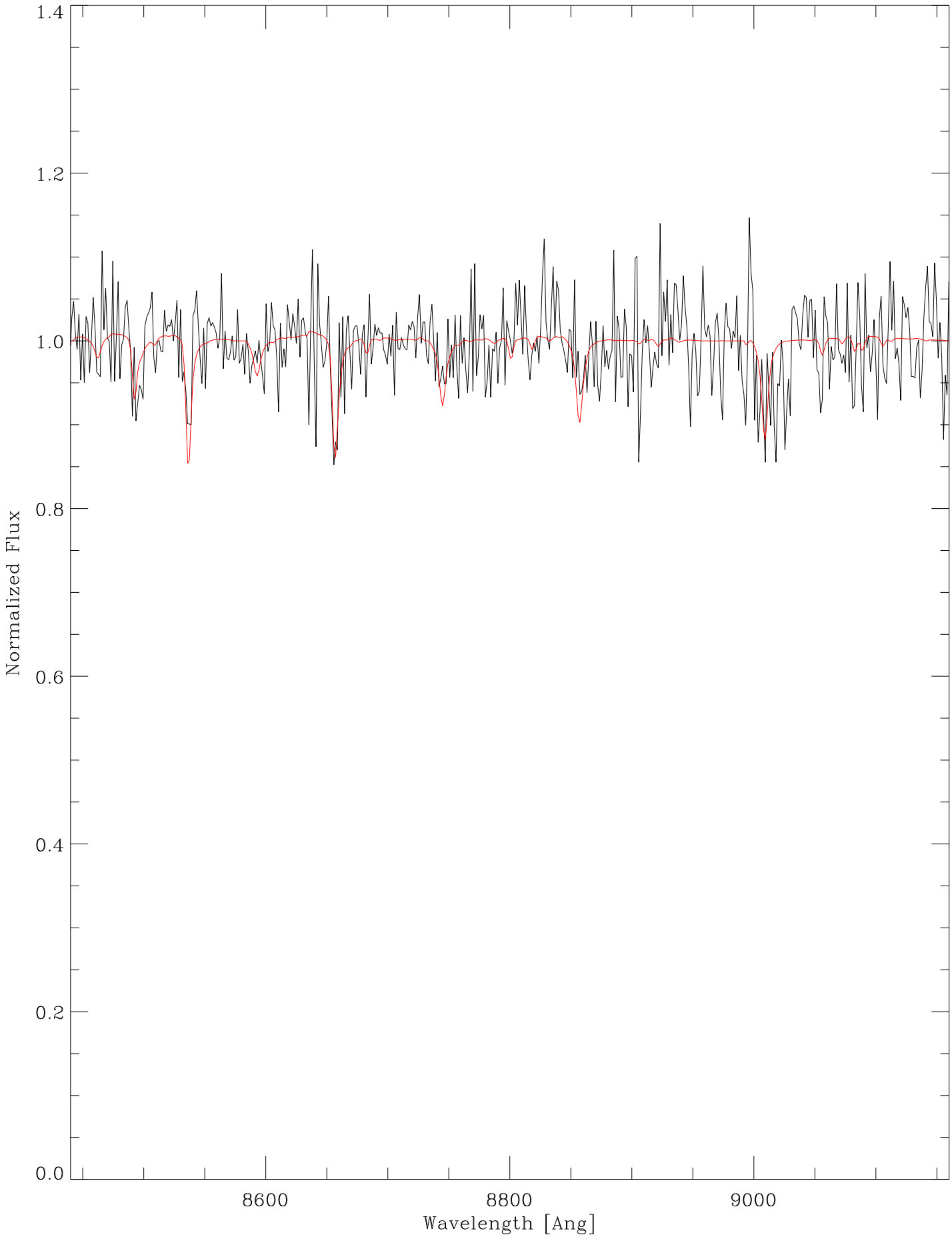

Fiber Num
Data
Best-fit Model
λ=3750A
λ=5250A
λ=8250A
Delta Dec(arcsec)
Delta RA (arcsec)
13
12
14
11
8
10
9
5.36 8.69
+/−0.1 +/−0.1
2.51 100.0 11.55
+/−0.1 +/−0.4 +/−0.1
3.85 16.14
+/−0.1 +/−0.1
2.77 5.03
2.74 100.0 10.94
5.08 11.13
2.53 4.94
+/−0.0 +/−0.0
1.30 100.0 7.60
+/−0.0 +/−0.2 +/−0.0
1.88 4.58
+/−0.0 +/−0.0
2.36 4.74
1.74 100.0 7.93
2.52 5.41
2.08 5.28
+/−0.0 +/−0.0
1.19 100.0 5.68
+/−0.0 +/−0.1 +/−0.0
1.21 3.12
+/−0.0 +/−0.0
2.31 5.38
1.32 100.0 7.59
1.68 3.90

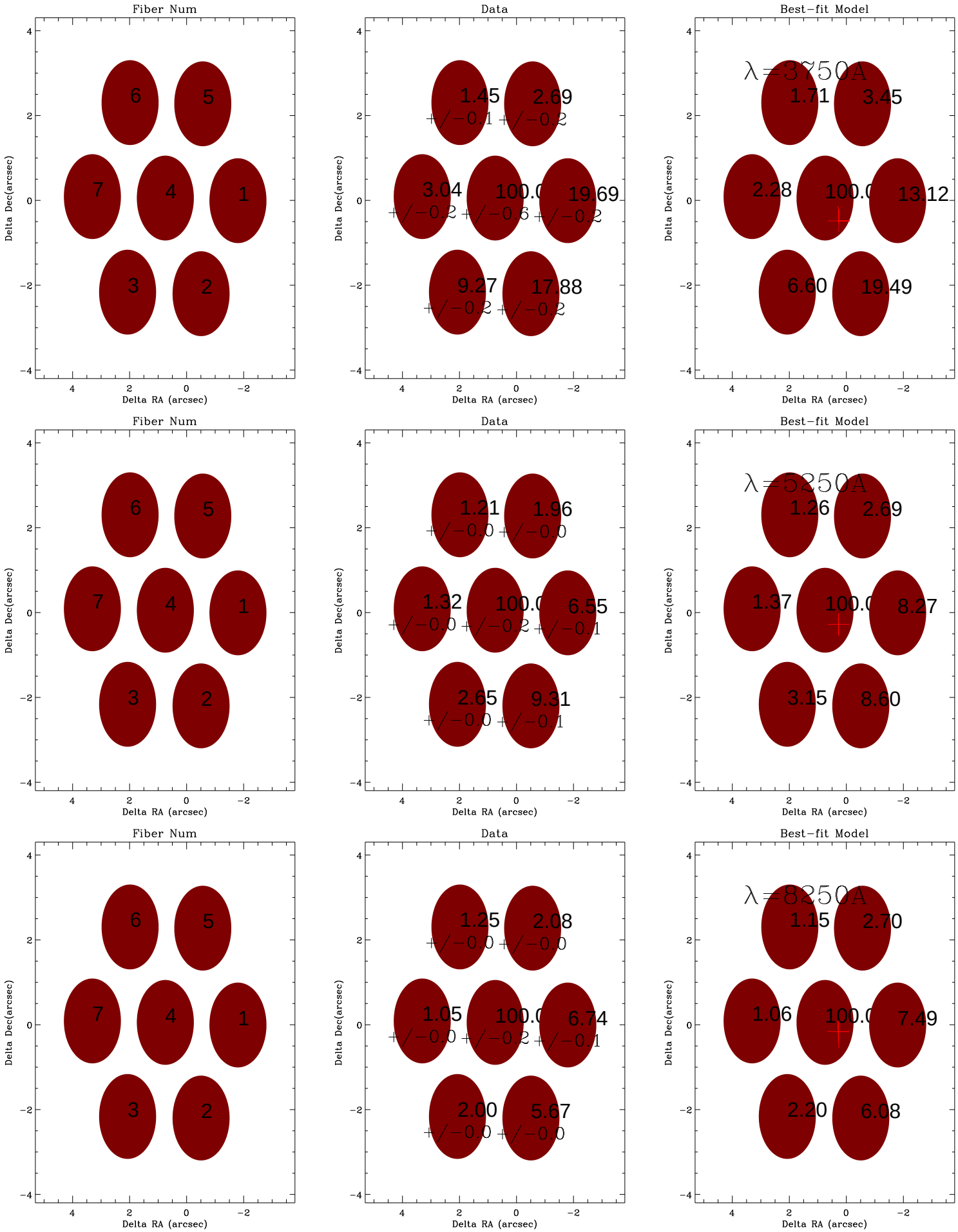

PLATE=8945 MJD=57504 Spectro-Photo Star Bundle 53 Fiber 490
am15k2_6000_4.5.spc
Normalized Flux
Wavelength [Ang]
Lines χ²/DOF= 3.88
Fe/H=−1.5 T_eff= 6000. g=4.5 cz=−191.
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3850
3900
3950
4000
4050
4100

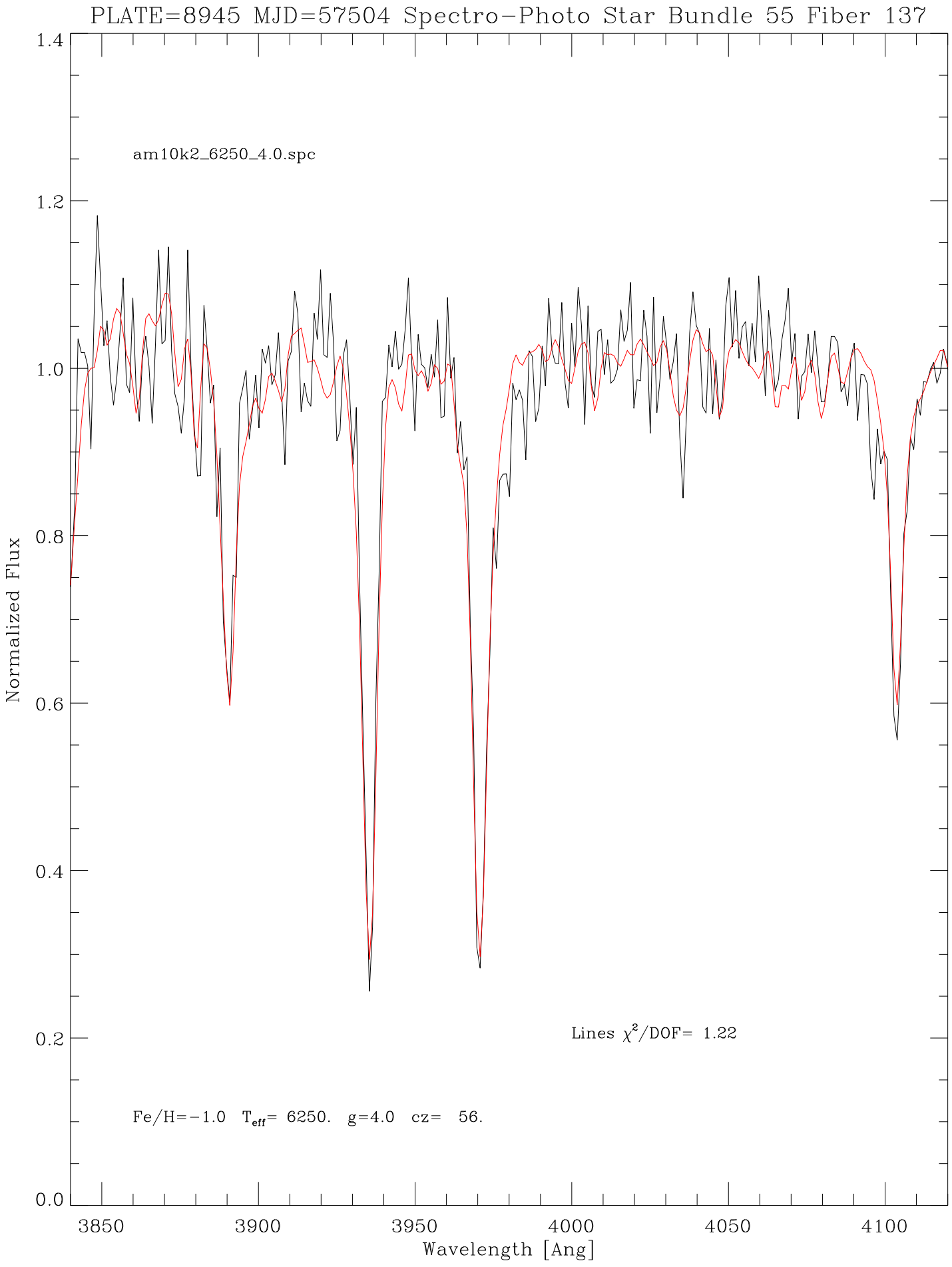

1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Normalized Flux
8600
8800
9000
Wavelength [Ang]

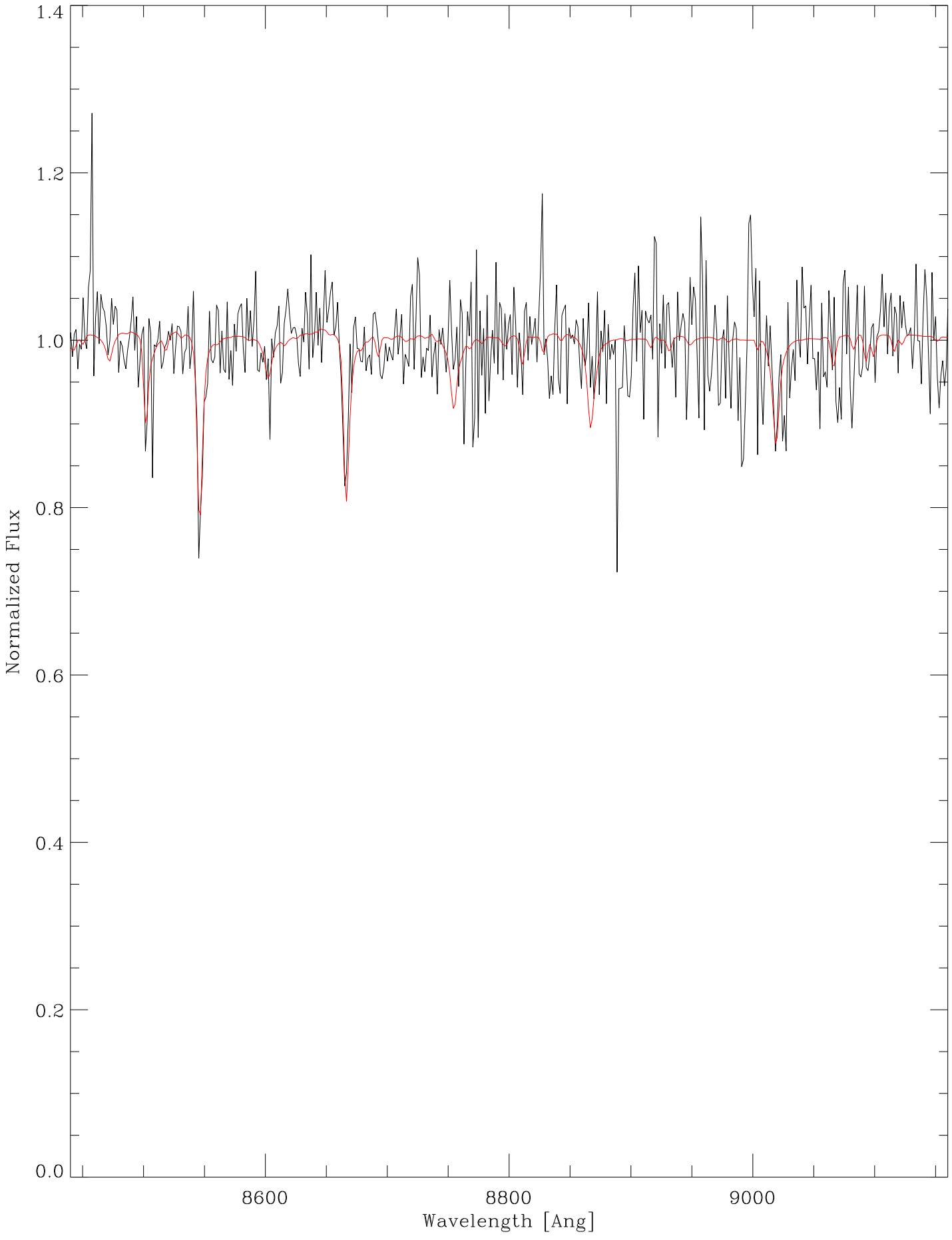

Fiber Num
Data
Best-fit Model
λ=3750A
λ=5250A
λ=8250A
Delta RA (arcsec)
Delta Dec(arcsec)
20
19
21
18
15
17
16
1.18 +/-0.1
4.70 +/-0.2
0.90 +/-0.1
100.0 +/-0.5
3.14 +/-0.1
1.59 +/-0.1
3.00 +/-0.1
1.79
2.88
1.47
100.0
3.63
1.85
3.01
1.78 +/-0.0
3.23 +/-0.0
0.87 +/-0.0
100.0 +/-0.2
3.72 +/-0.0
1.25 +/-0.0
2.18 +/-0.0
1.79
3.82
0.93
100.0
3.74
0.94
1.89
2.09 +/-0.0
4.73 +/-0.0
0.87 +/-0.0
100.0 +/-0.2
3.84 +/-0.0
0.84 +/-0.0
1.71 +/-0.0
1.58
4.57
0.51
100.0
3.59
0.43
1.15

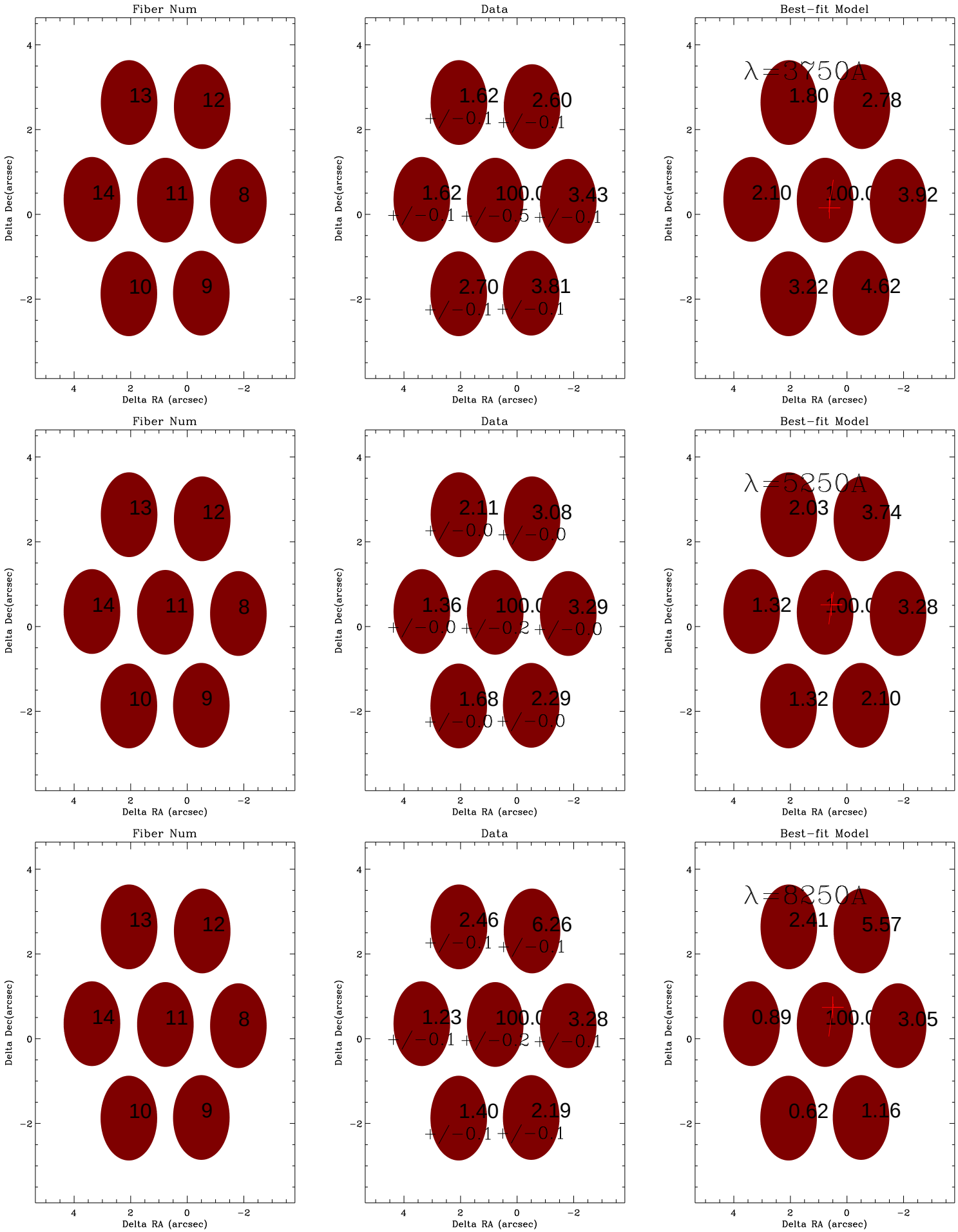

PLATE=8945 MJD=57504 Spectro-Photo Star Bundle 54 Fiber 144
am15k2_6250_4.0.spc
Normalized Flux
Wavelength [Ang]
Lines χ^2/DOF= 1.26
Fe/H=−1.5 T_{eff}= 6250. g=4.0 cz=−279.
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3850
3900
3950
4000
4050
4100

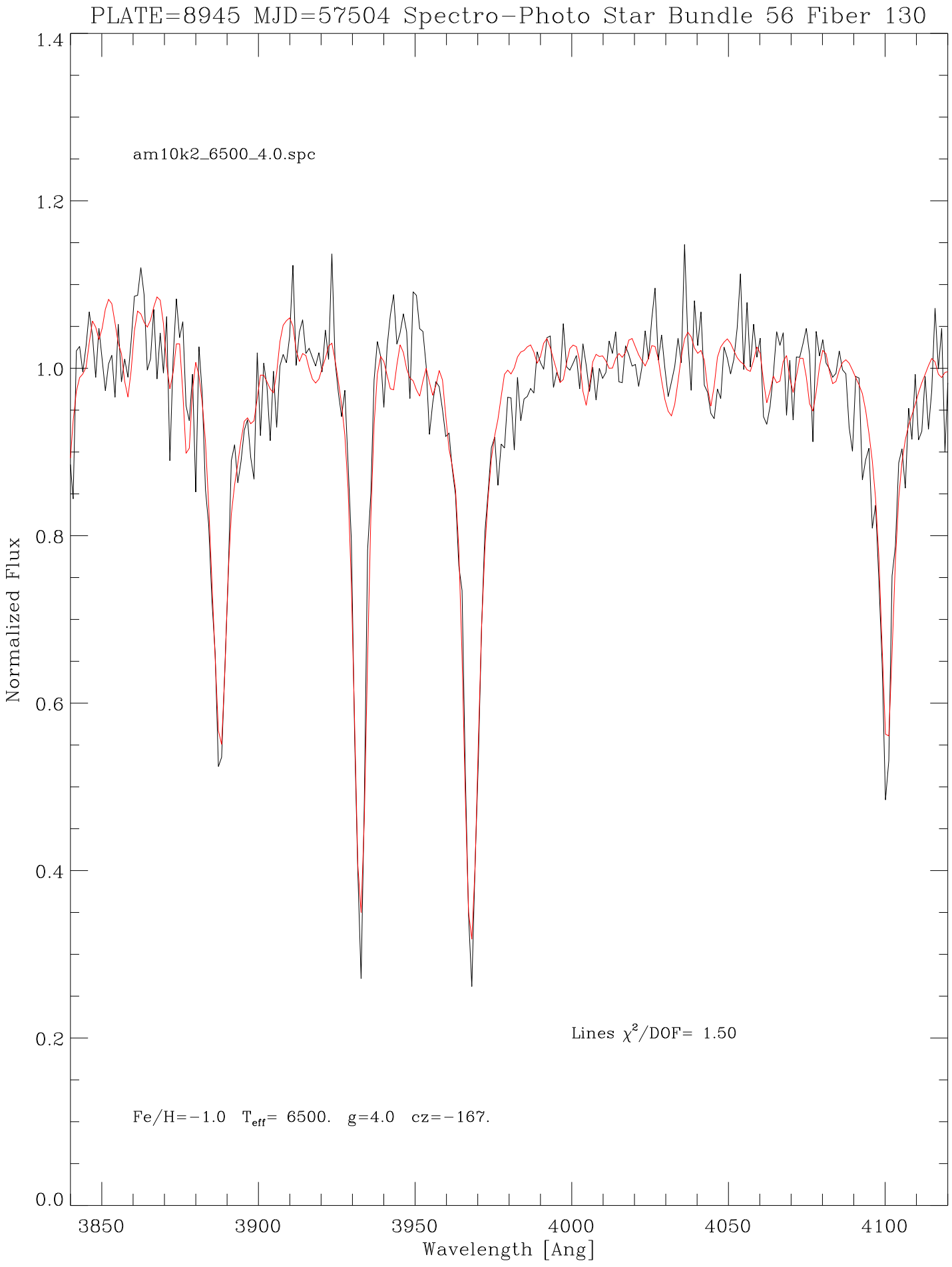

1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Normalized Flux
8600
8800
9000
Wavelength [Ang]

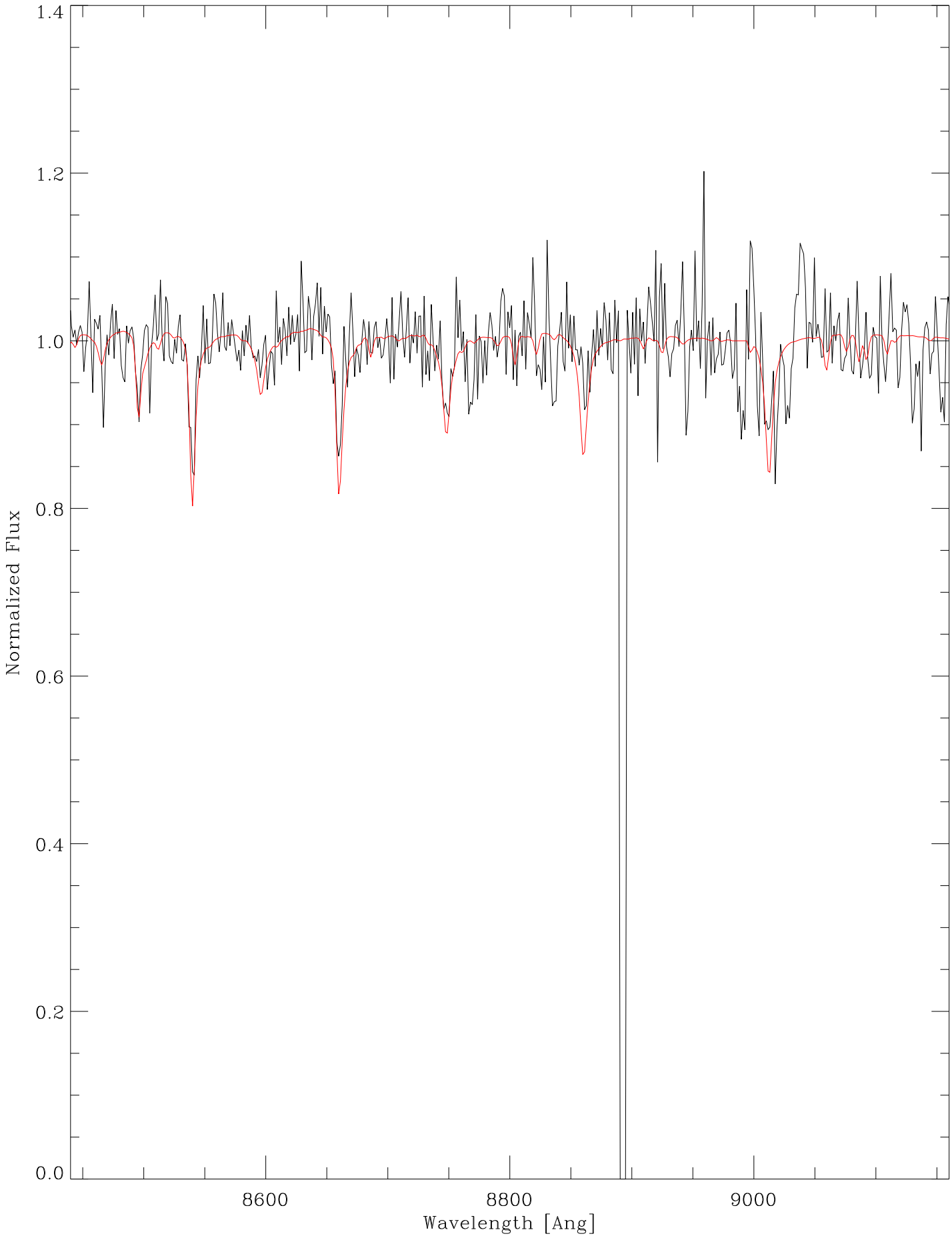

Fiber Num
Data
Best-fit Model
λ=3750A
1.45 2.69
+/-0.1 +/-0.2
3.04 100.0 19.69
+/-0.2 +/-0.6 +/-0.2
9.27 17.88
+/-0.2 +/-0.2
1.71 3.45
2.28 100.0 13.12
6.60 19.49
λ=5250A
1.21 1.96
+/-0.0 +/-0.0
1.32 100.0 6.55
+/-0.0 +/-0.2 +/-0.1
2.65 9.31
+/-0.0 +/-0.1
1.26 2.69
1.37 100.0 8.27
3.15 8.60
λ=8250A
1.25 2.08
+/-0.0 +/-0.0
1.05 100.0 6.74
+/-0.0 +/-0.2 +/-0.1
2.00 5.67
+/-0.0 +/-0.0
1.15 2.70
1.06 100.0 7.49
2.20 6.08
Delta Dec(arcsec)
Delta RA (arcsec)

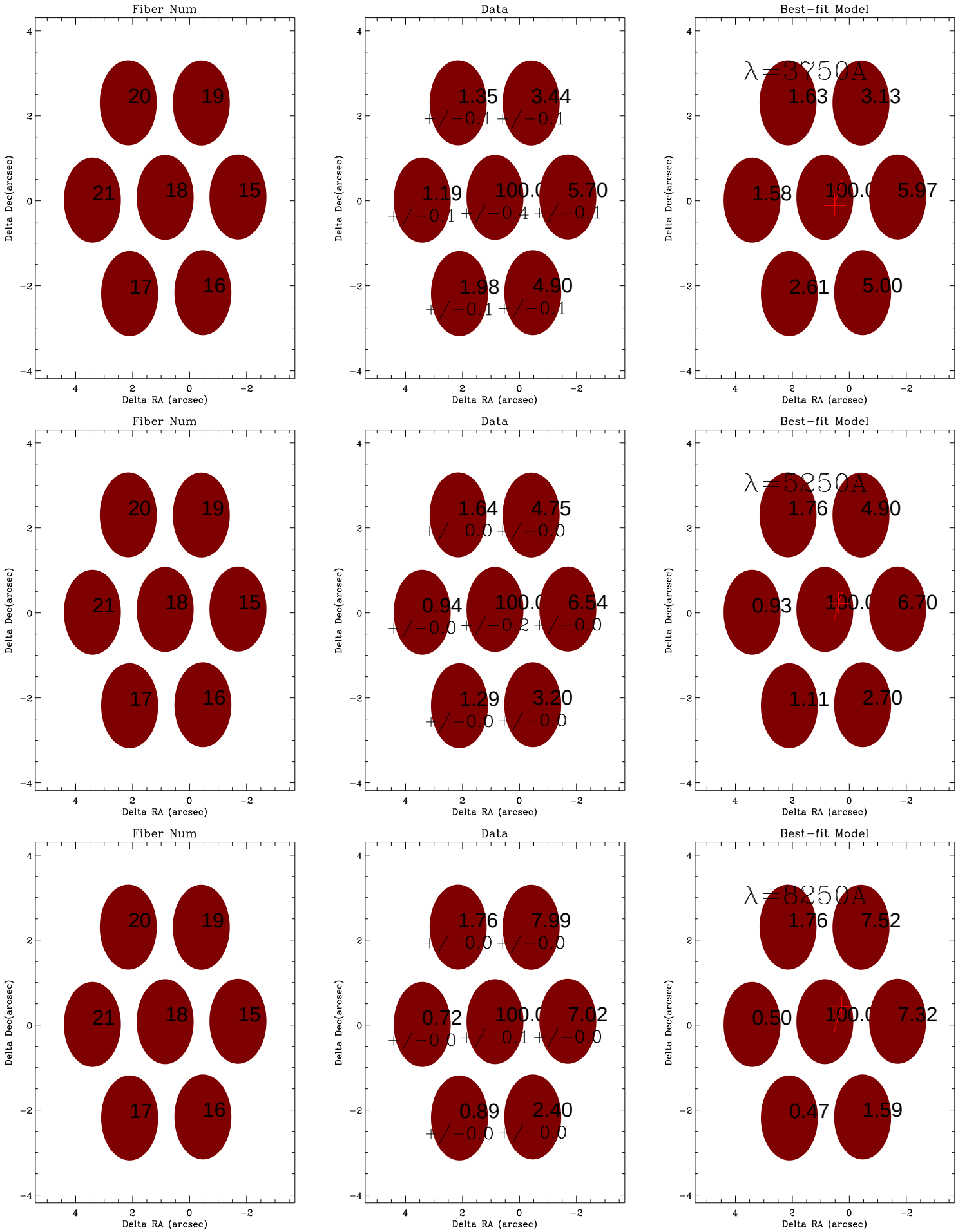

PLATE=8945 MJD=57504 Spectro-Photo Star Bundle 55 Fiber 137
am10k2_6250_4.0.spc
Normalized Flux
Wavelength [Ang]
Lines χ^2/DOF= 1.22
Fe/H=−1.0 T_{eff}= 6250. g=4.0 cz= 56.
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3850
3900
3950
4000
4050
4100

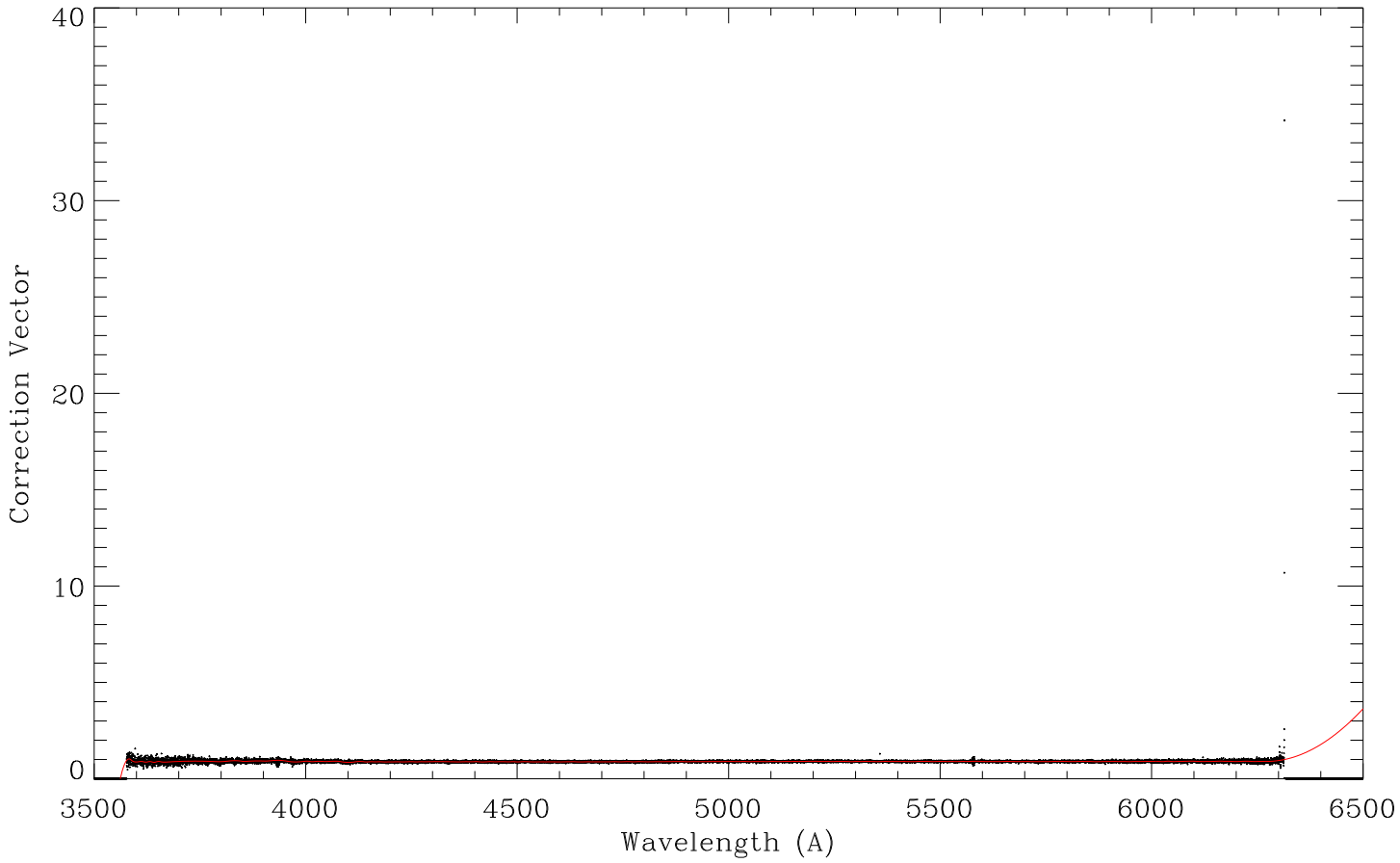

1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Normalized Flux
8600
8800
9000
Wavelength [Ang]

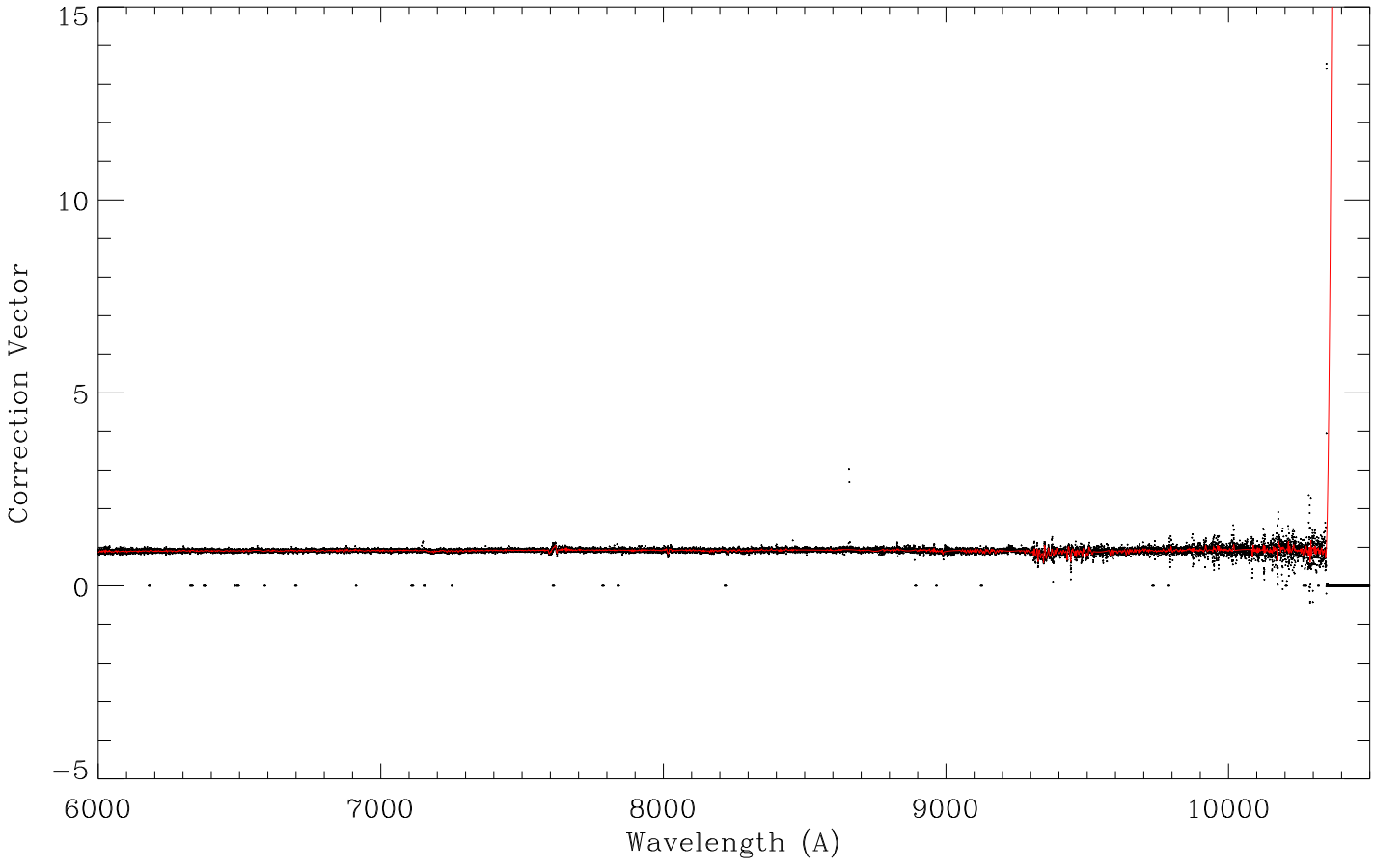

Fiber Num
Data
Best-fit Model
λ=3750A
λ=5250A
λ=8250A
Delta Dec(arcsec)
Delta RA (arcsec)
13
12
14
11
8
10
9
1.62 +/-0.1
2.60 +/-0.1
1.62 +/-0.1
100.0 +/-0.5
3.43 +/-0.1
2.70 +/-0.1
3.81 +/-0.1
1.80
2.78
2.10
100.0
3.92
3.22
4.62
2.11 +/-0.0
3.08 +/-0.0
1.36 +/-0.0
100.0 +/-0.2
3.29 +/-0.0
1.68 +/-0.0
2.29 +/-0.0
2.03
3.74
1.32
100.0
3.28
1.32
2.10
2.46 +/-0.1
6.26 +/-0.1
1.23 +/-0.1
100.0 +/-0.2
3.28 +/-0.1
1.40 +/-0.1
2.19 +/-0.1
2.41
5.57
0.89
100.0
3.05
0.62
1.16


PLATE=8945 MJD=57504 Spectro-Photo Star Bundle 56 Fiber 130
am10k2_6500_4.0.spc
Lines χ^2/DOF= 1.50
Fe/H=−1.0 T_{eff}= 6500. g=4.0 cz=−167.
Normalized Flux
Wavelength [Ang]
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
3850
3900
3950
4000
4050
4100


1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
Normalized Flux
8600
8800
9000
Wavelength [Ang]


Fiber Num
Data
Best-fit Model
λ=3750A
λ=5250A
λ=8250A
Delta RA (arcsec)
Delta Dec(arcsec)
20
19
21
18
15
17
16
1.35 3.44
+/-0.1 +/-0.1
1.19 100.0 5.70
+/-0.1 +/-0.4 +/-0.1
1.98 4.90
+/-0.1 +/-0.1
1.63 3.13
1.58 100.0 5.97
2.61 5.00
1.64 4.75
+/-0.0 +/-0.0
0.94 100.0 6.54
+/-0.0 +/-0.2 +/-0.0
1.29 3.20
+/-0.0 +/-0.0
1.76 4.90
0.93 100.0 6.70
1.11 2.70
1.76 7.99
+/-0.0 +/-0.0
0.72 100.0 7.02
+/-0.0 +/-0.1 +/-0.0
0.89 2.40
+/-0.0 +/-0.0
1.76 7.52
0.50 100.0 7.32
0.47 1.59


Correction Vector
40
30
20
10
0
3500
4000
4500
5000
5500
6000
6500
Wavelength (A)


Correction Vector
15
10
5
0
−5
6000
7000
8000
9000
10000
Wavelength (A)